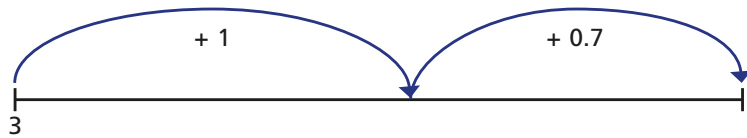
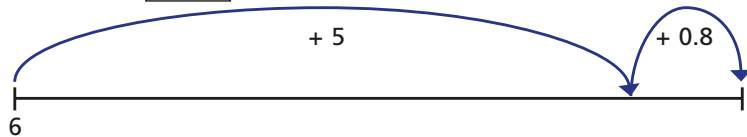


1 Use the number lines to help you work out the additions.

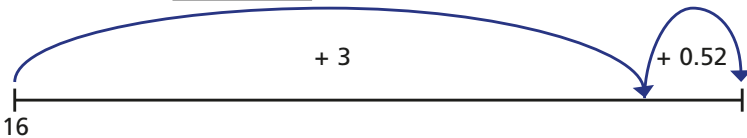
a) $3 + 1.7 = \square$



b) $6 + 5.8 = \square$



c) $16 + 3.52 = \square$



2 Mo and Dexter are trying to add 3.9 and 4 in their heads.



I started at 4 and added 3 and then added 0.9

Mo

I started at 3.9 and added 4



Dexter

Whose method do you prefer?

Talk about it with a partner.

3 Kim has used the column method to work out $15 + 3.89$. What other methods could you use to work out $15 + 3.89$?

1	5	•	0	0		
+			3	•	8	9
<hr/>						
1	8	•	8	9		
<hr/>						

4 Work out the calculations in your head.

- | | | |
|---------------|---------------|---------------|
| a) $7 + 2.8$ | e) $25 + 6.8$ | i) $12.8 - 7$ |
| b) $5 + 3.6$ | f) $8.3 + 17$ | j) $63.2 - 6$ |
| c) $2.8 + 15$ | g) $8.8 - 5$ | |
| d) $8 + 3.9$ | h) $15.2 - 3$ | |

5 Complete the additions.

- | | | |
|----------------|---------------------------|--------------------------|
| a) $6 + 1.83$ | d) $2 + 5 + 6.3$ | g) $6 + \square = 9.7$ |
| b) $7 + 5.82$ | e) $4.5 + \square = 9.5$ | h) $\square + 6 = 15.32$ |
| c) $3.95 + 29$ | f) $4.5 + \square = 19.5$ | |

6 Work out the cost of the items.

- coffee and a muffin
- a slice of cake and hot chocolate
- coffee, tea and 2 slices of cake

coffee	£3	
tea	£2.35	
cake	£4	
muffin	£1.95	
hot chocolate	£1.99	

- 3 Kim has used the column method to work out $15 + 3.89$. What other methods could you use to work out $15 + 3.89$?

$$\begin{array}{r} 15.00 \\ + 3.89 \\ \hline 18.89 \end{array}$$

- 4 Work out the calculations in your head.

- | | | |
|---------------|---------------|---------------|
| a) $7 + 2.8$ | e) $25 + 6.8$ | i) $12.8 - 7$ |
| b) $5 + 3.6$ | f) $8.3 + 17$ | j) $63.2 - 6$ |
| c) $2.8 + 15$ | g) $8.8 - 5$ | |
| d) $8 + 3.9$ | h) $15.2 - 3$ | |

- 5 Complete the additions.

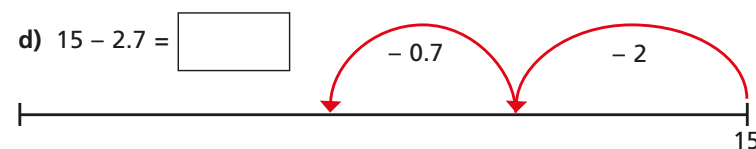
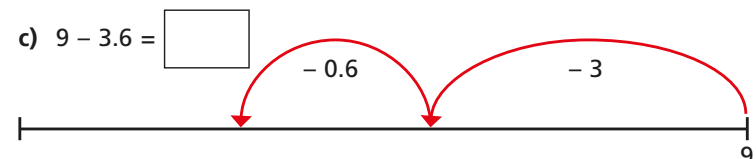
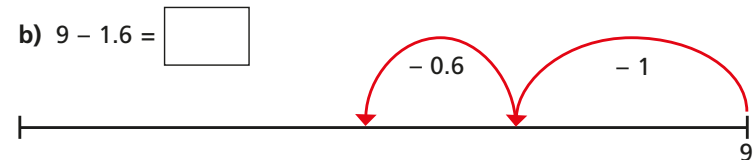
- | | | |
|----------------|---------------------------|--------------------------|
| a) $6 + 1.83$ | d) $2 + 5 + 6.3$ | g) $6 + \square = 9.7$ |
| b) $7 + 5.82$ | e) $4.5 + \square = 9.5$ | h) $\square + 6 = 15.32$ |
| c) $3.95 + 29$ | f) $4.5 + \square = 19.5$ | |

- 6 Work out the cost of the items.

- a) coffee and a muffin
 b) a slice of cake and hot chocolate
 c) coffee, tea and 2 slices of cake

coffee	£3	
tea	£2.35	
cake	£4	
muffin	£1.95	
hot chocolate	£1.99	

- 7 Use the number lines to help you work out the subtractions.



- 8 Complete the subtractions.

- | | |
|---------------|---------------|
| a) $8 - 2.9$ | d) $12 - 4.5$ |
| b) $16 - 3.5$ | e) $14 - 7.8$ |
| c) $28 - 7.3$ | f) $32 - 9.2$ |

- 9 Annie has worked out $12 - 4.8$ in her head.



Annie

The answer is 8.2

What mistake has Annie made?
 Talk about it with a partner.